



## Transmission Business Line (TBL)

### ATC Methodology

#### TBL Long-Term Network Flowgates

Posted: June 7, 2005

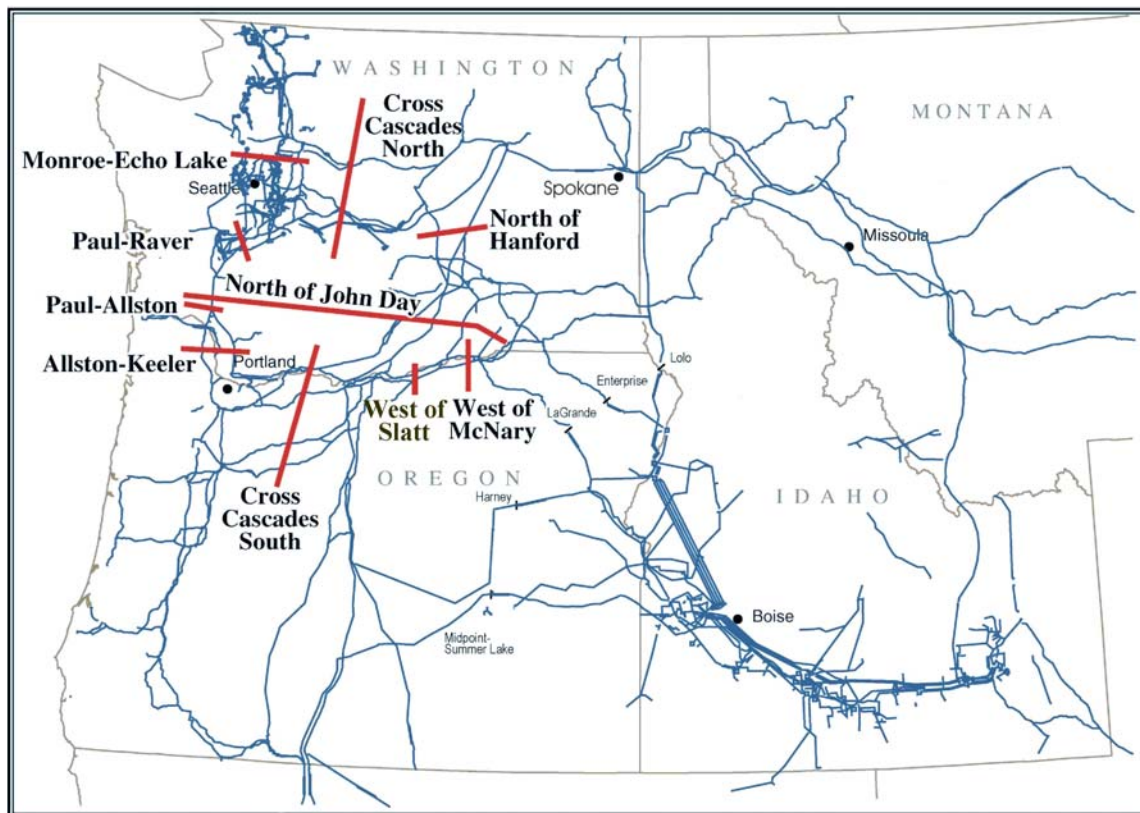
Effective: June 7, 2005

This document lists the Network Flowgates included in the ATC calculations that is posted on the ATC methodology page of the TBL web site. TBL will continue to identify and evaluate other Network Flowgates and post them in accordance with the ATC Methodology.

TBL reserves the right to modify the Network Flowgate designations at anytime.

Unless otherwise defined herein, capitalized terms are defined in the primary ATC Methodology document, TBL's Tariff, or its 2004 Transmission & Ancillary Service Rate Schedules or its successor.

### 1. Network Flowgate Map



### 2. TBL Network Flowgate Descriptions

Pursuant to the ATC Methodology, this document lists the Network Flowgates TBL has identified for posting.

- a. Monroe-Echo Lake Flowgate consists of the Monroe-Echo Lake 500kV Line (north-to-south).
- b. Raver-Paul Flowgate consists of the Raver-Paul 500 kV Line (north-to-south).

- c. Paul-Allston Flowgate consists of the following transmission lines (north-to-south):
  - ♦ Napavine-Allston #1 500kV; and
  - ♦ Paul-Allston #2 500kV.
- d. Allston-Keeler Flowgate consists of the Allston-Keeler 500kV Line (north-to-south).
- e. North of Hanford Flowgate consists of the following transmission lines (north-to-south):
  - ♦ Vantage-Hanford 500kV;
  - ♦ Grand Coulee-Hanford 500kV; and
  - ♦ Shultz-Wautoma 500kV (effective upon energization in 2006)
- f. North of John Day Flowgate consists of the following transmission lines (north-to-south):
  - ♦ Ashe-Marion 500kV;
  - ♦ Ashe-Slatt 500kV;
  - ♦ Hanford-Ostrander 500kV (to become Wautoma-Ostrander 500kV after Shultz-Wautoma 500kV energization);
  - ♦ Hanford-John Day 500kV (to become Wautoma-John Day 500kV after Shultz-Wautoma 500kV energization);
  - ♦ Raver-Paul 500kV; and
  - ♦ Lower Monumental-McNary 500kV.
- g. West of McNary Flowgate consists of the following transmission lines (east-to-west):
  - ♦ Coyote Springs-Slatt 500kV;
  - ♦ McNary-Ross 345kV;
  - ♦ McNary-Horse Heaven 230kV; and
  - ♦ McNary-Santiam 230kV.
- h. Cross Cascades North Flowgate consists of the following transmission lines (east-to-west):
  - ♦ Schultz-Raver #1, 3, & 4 500kV;
  - ♦ Schultz-Echo Lake #1 500kV;
  - ♦ Chief Joseph-Monroe 500kV;
  - ♦ Chief Joseph-Snohomish #1 & 2 345kV;
  - ♦ Rocky Reach-Maple Valley 345kV;
  - ♦ Grand Coulee-Olympia 287kV; and
  - ♦ Columbia-Covington 230kV.
- i. Cross Cascades South Flowgate consists of the following transmission lines (east-to-west):
  - ♦ Big-Eddy-Ostrander 500kV;
  - ♦ Ashe-Marion 500kV;
  - ♦ Buckley-Marion 500kV;
  - ♦ Hanford-Ostrander 500kV;

- ♦ John Day-Marion 500kV;
  - ♦ McNary-Ross 345kV;
  - ♦ Big Eddy-Chemawa 230kV;
  - ♦ Big Eddy-McLaughlin 230kV;
  - ♦ Midway-North Bonneville 230kV;
  - ♦ McNary-Santiam 230kV; and
  - ♦ Parkdale-Troutdale 230kV.
- j. West of Slatt Flowgate consists of the following transmission lines (east-to-west):
- ♦ Slatt-Buckley 500kV; and
  - ♦ Slatt-John Day 500kV

---

## Revision History

06/07/05	Removed Appendix 1 from the base ATC Methodology document and posted as a separate document on the Tools, Assumptions, and Data Input page of TBL's web site.
02/11/04	Flowgate map updated; West of Slatt Flowgate added; North of Hanford and Cross Cascades North Flowgates updated to reflect new infrastructure.
11/12/03	This document was included as Appendix 1 of the ATC Methodology.